



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/602,777 Confirmation No. 2233  
Applicant : Scott A. MOSKOWITZ  
Filed : June 25, 2003  
TC/A.U. : 2132  
Examiner : Laurel L. LASHLEY

Docket No. : 80391.0003

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Applicants submit copies of the references listed on the attached SB08 Form for consideration and request that the U.S. Patent and Trademark Office make them of record in this application.

Applicants state the following:

☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement; or

☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of Applicant(s) no item of information contained in this

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Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

☐ In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is believed to be submitted prior to issuance of a first Office Action and/or within three months of the filing date of the application. It is respectfully submitted that no fee is required for consideration of this information.

☒ This Information Disclosure Statement is being submitted after the mailing of a non-final Office Action, but is believed to be prior to a final Office Action or a Notice of Allowance. Pursuant to 37 C.F.R. § 1.97(c), payment in the amount of \$180.00 as set forth in 37 C.F.R. § 1.17(p) is enclosed.

While the information and references disclosed in this Information Disclosure Statement are submitted pursuant to 37 C.F.R. § 1.56, this submission is not intended to constitute an admission that any patent, publication or other information referred to is "prior art" to this invention. Applicants reserve the right to contest the "prior art" status of any information submitted or asserted against the application.

Additionally, Applicant wishes to inform the Examiner of the existence of the following co-pending U.S. patents and patent applications that share a common inventor with the present application:

**EXAMINER'S INITIALS:**

- \_\_\_\_\_ U.S. Patent Application No. 08/999,766, filed July 23, 1997, entitled "Steganographic Method and Device";
- \_\_\_\_\_ EPO Application No. 96919405.9, entitled "Steganographic Method and Device";
- \_\_\_\_\_ U.S. Patent Application No. 11/050,779, filed February 7, 2005, entitled "Steganographic Method and Device";
- \_\_\_\_\_ U.S. Patent Application No. 08/674,726, filed July 2, 1996, entitled "Exchange Mechanisms for Digital Information Packages with

Bandwidth Securitization, Multichannel Digital Watermarks, and Key Management”;

- \_\_\_\_\_ U.S. Patent Application No. 09/545,589, filed April 7, 2000, entitled “Method and System for Digital Watermarking”;
- \_\_\_\_\_ U.S. Patent Application No. 11/244,213, filed October 5, 2005, entitled “Method and System for Digital Watermarking”;
- \_\_\_\_\_ U.S. Patent Application No. 11/649,026, filed January 3, 2007, entitled “Method and System for Digital Watermarking”;
- \_\_\_\_\_ U.S. Patent Application No. 09/046,627, filed March 24, 1998, entitled “Method for Combining Transfer Function with Predetermined Key Creation”;
- \_\_\_\_\_ U.S. Patent Application 10/602,777, filed June 25, 2003, entitled “Method for Combining Transfer Function with Predetermined Key Creation”;
- \_\_\_\_\_ U.S. Patent Application No. 09/053,628, filed April 2, 1998, entitled “Multiple Transform Utilization and Application for Secure Digital Watermarking”;
- \_\_\_\_\_ U.S. Patent Application No. 09/644,098, filed August 23, 2000, entitled “Multiple Transform Utilization and Application for Secure Digital Watermarking”;
- \_\_\_\_\_ Jap. App. No.2000-542907, entitled “Multiple Transform Utilization and Application for Secure Digital Watermarking”;
- \_\_\_\_\_ U.S. Patent Application No. 09/767,733, filed January 24, 2001, entitled “Multiple Transform Utilization and Application for Secure Digital Watermarking”;
- \_\_\_\_\_ U.S. Patent Application No. 11/358,874, filed February 21, 2006, entitled “Multiple Transform Utilization and Application for Secure Digital Watermarking”;
- \_\_\_\_\_ U.S. Patent Application No. 10/417,231, filed April 17, 2003, entitled “Methods, Systems And Devices For Packet Watermarking And Efficient Provisioning Of Bandwidth”;
- \_\_\_\_\_ U.S. Patent Application No. 09/789,711, filed February 22, 2001, entitled “Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data”;
- \_\_\_\_\_ U.S. Patent Application No. 11/497,822, filed August 2, 2006, entitled “Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data”;
- \_\_\_\_\_ U.S. Patent Application No. 11/599,964, filed November 15, 2006, entitled “Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data”;

- \_\_\_\_\_ U.S. Patent Application No. 11/599,838, filed November 15, 2006, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data";
- \_\_\_\_\_ U.S. Patent Application No. 10/369,344, filed February 18, 2003, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digitized Data";
- \_\_\_\_\_ U.S. Patent Application No. 11/482,654, filed July 7, 2006, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digitized Data";
- \_\_\_\_\_ U.S. Patent Application No. 09/594,719, filed June 16, 2000, entitled "Utilizing Data Reduction in Steganographic and Cryptographic Systems";
- \_\_\_\_\_ U.S. Patent Application No. 11/519,467, filed September 12, 2006, entitled "Utilizing Data Reduction in Steganographic and Cryptographic Systems";
- \_\_\_\_\_ U.S. Patent Application No. 09/731,040, filed December 7, 2000, entitled "Systems, Methods And Devices For Trusted Transactions";
- \_\_\_\_\_ U.S. Patent Application No. 11/512,701, filed August 29, 2006, entitled "Systems, Methods And Devices For Trusted Transactions";
- \_\_\_\_\_ U.S. Patent Application No. 10/049,101, filed February 8, 2002, entitled "A Secure Personal Content Server" (which claims priority to International Application No. PCT/US00/21189, filed August 4, 2000, which claims priority to U.S. Patent Application No. 60/147,134, filed August 4, 1999, and to U.S. Patent Application No. 60/213,489, filed June 23, 2000);
- \_\_\_\_\_ PCT Application No. PCT/US00/21189, filed August 4, 2000, entitled, "A Secure Personal Content Server";
- \_\_\_\_\_ U.S. Patent Application No. 09/657,181, filed September 7, 2000, entitled "Method And Device For Monitoring And Analyzing Signals"
- \_\_\_\_\_ U.S. Patent Application No. 10/805,484, filed March 22, 2004, entitled "Method And Device For Monitoring And Analyzing Signals"(which claims priority to U.S. Patent Application No. 09/671,739, filed September 29, 2000, which is a CIP of U.S. Patent Application No. 09/657,181);
- \_\_\_\_\_ U.S. Patent Application No. 09/956,262, filed September 20, 2001, entitled "Improved Security Based on Subliminal and Supraliminal Channels For Data Objects";
- \_\_\_\_\_ U.S. Patent Application No. 11/518,806, filed September 11, 2006, entitled "Improved Security Based on Subliminal and Supraliminal Channels For Data Objects"

- \_\_\_\_\_ U.S. Patent Application No. 11/026,234, filed December 30, 2004, entitled "Z-Transform Implementation of Digital Watermarks";
- \_\_\_\_\_ U.S. Patent Application No. 11/592,079, filed November 2, 2006, entitled "Linear Predictive Coding Implementation of Digital Watermarks";
- \_\_\_\_\_ U.S. Patent Application No. 09/731,039, filed December 7, 2000, entitled "System and Methods for Permitting Open Access to Data Objects and for Securing Data within the Data Objects";
- \_\_\_\_\_ U.S. Patent Application No. 11/647,861, filed December 29, 2006, entitled "System and Methods for Permitting Open Access to Data Objects and for Securing Data within the Data Objects";
- \_\_\_\_\_ U.S. Patent No. 5,428,606, issued June 27, 1995, entitled "Digital Commodities Exchange";
- \_\_\_\_\_ U.S. Patent No. 5,539,735, issued July 23, 1996, entitled "Digital Information Commodities Exchange";
- \_\_\_\_\_ U.S. Patent No. 5,613,004, issued March 18, 1997, entitled "Steganographic Method and Device";
- \_\_\_\_\_ U.S. Patent No. 5,687,236, issued November 11, 1997, entitled "Steganographic Method and Device";
- \_\_\_\_\_ U.S. Patent No. 5,745,569, issued April 28, 1998, entitled "Method for Stega-Protection of Computer Code";
- \_\_\_\_\_ U.S. Patent No. 5,822,432, issued October 13, 1998, entitled "Method for Human Assisted Random Key Generation and Application for Digital Watermark System";
- \_\_\_\_\_ U.S. Patent No. 5,889,868, issued July 2, 1996, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digitized Data";
- \_\_\_\_\_ U.S. Patent No. 5,905,800, issued May 18, 1999, entitled "Method & System for Digital Watermarking";
- \_\_\_\_\_ U.S. Patent No. 6,078,664, issued June 20, 2000, entitled "Z-Transform Implementation of Digital Watermarks";
- \_\_\_\_\_ U.S. Patent No. 6,205,249, issued March 20, 2001, entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking";
- \_\_\_\_\_ U.S. Patent No. 6,522,767, issued February 18, 2003, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digitized Data";

- \_\_\_\_\_ U.S. Patent No. 6,598,162, issued July 22, 2003, entitled "Method for Combining Transfer Function with Predetermined Key Creation";
- \_\_\_\_\_ U.S. Patent No. 6,853,726, issued February 8, 2005, entitled "Z-Transform Implementation of Digital Watermarks";
- \_\_\_\_\_ U.S. Patent No. 7,007,166, issued February 28, 2006, entitled "Method & System for Digital Watermarking";
- \_\_\_\_\_ U.S. Patent No. 7,035,049, issued April 25, 2006, entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking";
- \_\_\_\_\_ U.S. Patent No. 7,095,874, issued August 22, 2006, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digitized Data";
- \_\_\_\_\_ U.S. Patent No. 7,107,451, issued September 12, 2006, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data";
- \_\_\_\_\_ U.S. Patent No. 7,123,718, issued October 17, 2006, entitled, "Utilizing Data Reduction in Steganographic and Cryptographic Systems";
- \_\_\_\_\_ U.S. Patent No. 7,127,615, issued October 24, 2006, "Improved Security Based on Subliminal and Supraliminal Channels for Data Objects";
- \_\_\_\_\_ U.S. Patent No. 7,152,162, issued December 19, 2006, entitled "Z-Transform Implementation of Digital Watermarks";
- \_\_\_\_\_ U.S. Patent No. 7,159,116, issued January 2, 2007, entitled "Systems, Methods and Devices for Trusted Transactions";
- \_\_\_\_\_ U.S. Patent No. 7,177,429, issued February 13, 2007, entitled "System and Methods for Permitting Open Access to Data Objects and for Securing Data within the Data Objects"

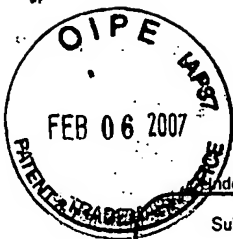
In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists. This Information Disclosure Statement is in compliance with 37 C.F.R. § 1.98 and the Examiner is respectfully requested to consider the listed documents and information.

Respectfully submitted,

Date: February 6, 2007

By:

  
\_\_\_\_\_  
Scott A. MOSKOWITZ  
Tel# (305) 956-9041  
Fax# (305) 956-9042



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/602,777
Filing Date	June 25, 2003
First Named Inventor	Scott A. MOSKOWITZ
Art Unit	2132
Examiner Name	Laurel L. LASHLEY
Attorney Docket Number	80391.0003

Sheet 1 of 11

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,939,515	07/03/1990	Adelson	
		US- 5,161,210	11/03/1992	Druyvesteyn et al.	
		US- 5,450,490	09/12/1995	Jensen et al.	
		US- 5,530,751	06/25/1996	Morris	
		US- 5,579,124	11/26/1996	Aijala et al.	
		US- 5,721,788	02/24/1998	Powell et al.	
		US- 5,828,325	10/27/1998	Wolosewicz et al.	
		US- 5,912,972	06/15/1999	Barton	
		US- 5,930,377	07/27/1999	Powell et al.	
		US- 5,583,488	12/10/1996	Sala et al.	
		US- 5,748,783	05/05/1998	Rhoads	
		US- 6,330,672	12/11/2001	Shur	
		US- 5,243,423	09/07/1993	DeJean et al.	
		US- 5,319,735	06/07/1994	Preuss et al.	
		US- 5,113,437	05/12/1992	Best et al.	
		US- 4,876,617	10/24/1989	Best et al.	
		US- 5,379,345	01/03/1995	Greenberg	
		US- 5,646,997	07/08/1997	Barton	
		US- 4,672,605	06/09/1987	Hustig et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		European Patent No. EP0565947A1	10/20/1993	Kuusama, Juha		
		WO 95/14289	05/26/1995	Rhoads, Geoffrey		
		European Patent No. 0581317A2	02/02/1994	Powell, Robert et al.		
		European Patent No. 0372601A1	06/13/1990	Druyvesteyn, Wm. et al.		
		WO 98/37513	08/27/1998	Biggar, Michael et al.		
		European Patent No. 0651534A	05/03/1995	Eastman Kodak Co.		

Examiner  
SignatureDate  
Considered

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 11**Complete if Known**

Application Number	10/602,777
Filing Date	June 25, 2003
First Named Inventor	Scott A. MOSKOWITZ
Art Unit	2132
Examiner Name	Laurel L. LASHLEY
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		US- 4,748,668	05/31/1988	Shamir, et al.	
		US- 4,789,928	12/06/1988	Fujisaki	
		US- 4,908,873	03/13/1990	Philibert, et al.	
		US- 4,980,782	12/25/1990	Ginkel	
		US- 5,073,925	12/17/1991	Nagata, et al.	
		US- 5,243,515	09/07/1993	Lee	
		US- 5,287,407	02/15/1994	Holmes	
		US- 5,428,606	06/27/1995	Moskowitz	
		US- 5,365,586	11/15/1994	Indeck, et al.	
		US- 5,394,324	02/28/1995	Clearwater	
		US- 5,408,505	04/18/1995	Indeck, et al.	
		US- 5,412,718	05/02/1995	Narasimhalu, et al.	
		US- 5,487,168	01/23/1996	Greiner, et al.	
		US- 5,493,677	02/20/1996	Balagh, et al.	
		US- 5,530,759	06/25/1996	Braddaway, et al.	
		US- 5,606,609	02/25/1997	Houser, et al.	
		US- 5,613,004	03/18/1997	Cooperman, et al.	
		US- 5,617,119	04/01/1997	Briggs, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		WO 99/62044	12/02/1999	Handel, Theodore et al.		
		WIPO 96/29795	09/26/1996	Micali		
		WIPO 97/24833	07/10/1997	Micali		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

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Application Number	10/602,777
Filing Date	June 25, 2003
First Named Inventor	Scott A. MOSKOWITZ
Art Unit	2132
Examiner Name	Laurel L. LASHLEY
Attorney Docket Number	80391.0003

Sheet 3 of 11**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,528,588	07/09/1985	Lofberg	
		US- 5,832,119	11/03/1998	Rhoads	
		US- 5,859,920	01/12/1999	Daly et al.	
		US- 4,974,210	12/18/1998	Nagata et al.	
		US- 5,774,452	06/30/1998	Wolosewicz	
		US- 4,405,829	09/20/1983	Rivest et al.	
		US- 6,330,335	12/11/2001	Rhoads	
		US- 3,986,624	10/19/1976	Cates Jr. et al.	
		US- 5,363,448	11/8/1994	Koopman et al.	
		US- 5,568,570	10/22/1996	Rabbani	
		US- 5,636,292	06/03/1997	Rhoads	
		US- 4,972,471	11/20/1990	Gross et al.	
		US- 5,893,067	04/06/1999	Bender et al.	
		US- 5,689,587	11/18/1997	Bender et al.	
		US- 3,984,624	10/05/1976	Waggener	
		US- 4,038,596	07/26/1977	Lee	
		US- 4,200,770	04/29/1980	Hellman, et al.	
		US- 4,218,582	08/19/1980	Hellman, et al.	
		US- 4,424,414	01/03/1984	Hellman, et al.	

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

4

of

11

**Complete if Known**

Application Number

10/602,777

Filing Date

June 25, 2003

First Named Inventor

Scott A. MOSKOWITZ

Art Unit

2132

Examiner Name

Laurel L. LASHLEY

Attorney Docket Number

80391.0003

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,640,569	06/17/1997	Miller, et al.	
		US- 5,659,726	08/19/1997	Sandford, II, et al.	
		US- 5,664,018	09/02/1997	Leighton	
		US- 5,687,236	11/11/1997	Moskowitz, et al.	
		US- 5,734,752	03/31/1998	Knox	
		US- 5,745,569	04/28/1998	Moskowitz, et al.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

5

of

11

**Complete if Known**

Application Number

10/602,777

Filing Date

June 25, 2003

First Named Inventor

Scott A. MOSKOWITZ

Art Unit

2132

Examiner Name

Laurel L. LASHLEY

Attorney Docket Number

80391.0003

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,522,769	02/18/2003	Rhoads, et al.	
		US- 2005/0160271	07/21/2005	Brundage, et al.	
		US- 6,665,489	12/16/2003	Collart	
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		US- 2004/0037449	02/26/2004	Davis, et al.	
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		US- 2003/0133702	07/17/2003	Collart	
		US- 6,668,246	12/23/2003	Young, et al.	
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		US- 7,058,570	06/06/2006	Yu, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	6	of	11
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**Complete if Known**

Application Number	10/602,777
Filing Date	June 25, 2003
First Named Inventor	Scott A. MOSKOWITZ
Art Unit	2132
Examiner Name	Laurel L. LASHLEY
Attorney Docket Number	80391.0003

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Application Number
Filing Date
First Named Inventor
Art Unit
Examiner Name
Attorney Docket Number

10/602,777  
June 25, 2003  
Scott A. MOSKOWITZ  
2132  
Laurel L. LASHLEY  
80391.0003

Sheet 7 of 11

**U. S. PATENT DOCUMENTS**

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		Number-Kind Code <sup>2</sup> (if known)			
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Sheet 8 of 11**Complete if Known-**

Application Number

**10/602,777**

Filing Date

**June 25, 2003**

First Named Inventor

**Scott A. MOSKOWITZ**

Art Unit

**2132**

Examiner Name

**Laurel L. LASHLEY**

Attorney Docket Number

**80391.0003****U. S. PATENT DOCUMENTS**

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		US- 6,775,772	08/10/2004	Binding, et al.	
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		US- 6,351,765	02/26/2002	Pietropaolo, et al.	
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		US- 5,341,477	08/23/1994	Pitkin, et al.	
		US- 5,581,703	12/03/1996	Baughner, et al.	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 9 of 11**Complete if Known**

Application Number

10/602,777

Filing Date

June 25, 2003

First Named Inventor

Scott A. MOSKOWITZ

Art Unit

2132

Examiner Name

Laurel L. LASHLEY

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**INFORMATION DISCLOSURE  
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Sheet 1 of 11

Application Number
Filing Date
First Named Inventor
Art Unit
Examiner Name
Attorney Docket Number

10/602,777  
June 25, 2003  
Scott A. MOSKOWITZ  
2132  
Laurel L. LASHLEY  
80391.0003

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		US- 5,513,261	04/30/1996	Maher	
		US- 5,530,739	06/25/1996	Okada	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 11 of 11

Application Number 10/602,777  
 Filing Date June 25, 2003  
 First Named Inventor Scott A. MOSKOWITZ  
 Art Unit 2132  
 Examiner Name Laurel L. LASHLEY  
 Attorney Docket Number 80391.0003

Examiner Initials*	Cite No.	U. S. PATENT DOCUMENTS			
		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,625,690	04/29/1997	Michel et al.	
		US- 5,633,932	05/27/1997	Davis et al.	
		US- 5,719,937	02/17/1998	Warren et al.	
		US- 5,737,416	04/07/1998	Cooper et al.	
		US- 5,765,152	06/09/1998	Erickson	
		US- 5,799,083	08/25/1998	Brothers et al.	
		US- 5,973,731	10/26/1999	Schwab	
		US- 5,894,521	04/13/1999	Conley	
		US- 5,905,800	05/18/1999	Moskowitz et al.	
		US- 5,963,909	10/05/1999	Warren et al.	
		US- 5,974,141	10/26/1999	Saito	
		US- 5,999,217	12/07/1999	Barnes-Lee	
		US- 6,041,316	03/21/2000	Allen	
		US- 6,081,251	06/27/2000	Sakai et al.	
		US- 6,278,780	08/21/2001	Shimada	
		US- 6,301,663	10/09/2001	Kato et al.	
		US- 6,240,121	05/29/2001	Senoh	
		US-			
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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## Complete if Known

Application Number	10/602,777
Filing Date	June 25, 2003
First Named Inventor	Scott A. MOSKOWITZ
Art Unit	2132
Examiner Name	Laurel L. LASHLEY
Attorney Docket Number	80391.0003

Sheet	1	of	6
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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Schneier, Bruce, <u>Applied Cryptography</u> , 2 <sup>nd</sup> Ed., John Wiley & Sons, pp. 9-10, 1996.	
		Menezes, Alfred J., <u>Handbook of Applied Cryptography</u> , CRC Press, p. 46, 1997	
		Merriam - Webster's Collegiate Dictionary, 10 <sup>th</sup> Ed., Merriam Webster, Inc., P. 207.	
		Brealy, et al., <u>Principles of Corporate Finance</u> , "Appendix A - Using Option Valuation Models", 1984, pp. 448-449.	
		Copeland, et al., <u>Real Options: A Practitioners Guide</u> , 2001 pp 106-107, 201-202, 204-208.	
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		Crawford, D.W. "Pricing Network Usage: A Market for Bandwidth of Market Communication?" presented MIT Workshop on Internet Economics, Mar. 1995 <a href="http://www.press.umich.edu/jep/works/CrawMarket.html">http://www.press.umich.edu/jep/works/CrawMarket.html</a> on March 12, 1995.	
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		Caronni, Germano, "Assuring Ownership Rights For Digital Images", published <u>Proceedings of Reliable IT Systems</u> , v15 '95, H.-H. Bruggemann and W. Gerhardt-Häckel (Ed.), Vieweg Publishing Company, Germany, 1995.	
		Zhao, Jian. "A WWW service to Embed and Prove Digital Copyright Watermarks" <u>Proc. of the European Conf. on Multimedia Applications, Services &amp; Techniques</u> Louvain-La-Neuve, Belgium. May 1996.	

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		Application Number	10/602,777		
		Filing Date	June 25, 2003		
		First Named Inventor	Scott A. MOSKOWITZ 2132		
		Art Unit	Laurel L. LASHLEY 80391.0003		
		Examiner Name			
Sheet	2	of	6	Attorney Docket Number	

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		Gruhl, Daniel et al., <u>Echo Hiding, In Proceeding of the Workshop on Information Hiding, No. 1174 in Lecture Notes in Computer Science, Cambridge, England (May/June 1996).</u>	
		Oomen, A. W. J. et al., <u>A Variable Bit Rate Buried Data Channel for Compact Disc, J. Audio Eng. Soc., Vol. 43, No. 1/2, pp. 23-28 (1995).</u>	
		Ten Kate, W. et al., <u>A New Surround - stereo - Surround Coding Techniques, J. Audio Eng. Soc., Vol. 40, No. 5, pp. 376-383 (1992).</u>	
		Gerzon, Michael et al., <u>A High Rate Buried Data Channel for Audio CD, presentation notes, Audio Engineering Soc. 94th Convention (1993).</u>	
		Sklar, Bernard, <u>Digital Communications, pp 601-608 (1988)</u>	
		Jayant, N. S. et al., <u>Digital Coding of Waveforms, Prentice Hall Inc., Englewood Cliffs, NJ, pp. 486-509 (1984)</u>	
		Bender, Walter R. et al., <u>Techniques for Data Hiding, SPIE Int. Soc. Opt. Eng., Vol. 2420, pp 164-173, 1995.</u>	
		Zhao, Jian et al., <u>Embedding Robust Labels into Images for Copyright Protection, (XP 000571967), pp. 242-251, 1995.</u>	
		Menezes, Alfred J., <u>Handbook of Applied Cryptography, CRC Press, p. 175, 1997.</u>	
		Schneier, Bruce, <u>Applied Cryptography, 1st Ed., pp. 67-68, 1994.</u>	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

3

of

6

**Complete if Known**

Application Number

10/602,777

Filing Date

June 25, 2003

First Named Inventor

Scott A. MOSKOWITZ

Art Unit

2132

Examiner Name

Laurel L. LASHLEY

Attorney Docket Number

80391.0003

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		Zhao, Jian, et al., Embedding Robust Labels into Images for Copyright Protection, Proceedings of the KnowRight '95 Conference, pp. 242-251	
		Koch E, et al., Towards Robust and Hidden Image Copyright Labeling, 1995 IEEE Workshop on Nonlinear Signal and Image Processing, Neos Marmaras, pp. 4	
		Van Schyndel, et al., Towards a Robust Digital Watermark, Second Asian Image Processing Conference, Dec 6-8, 1995, Singapore, Vol. 2, pp. 504-508	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/602,777
				Filing Date	June 25, 2003
				First Named Inventor	Scott A. MOSKOWITZ
				Art Unit	2132
				Examiner Name	Laurel L. LASHLEY
(Use as many sheets as necessary)				Attorney Docket Number	80391.0003
Sheet	4	of	6		

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		Tirkel, A-Z, <u>A Two-Dimensional Digital Watermark</u> , Dicta '95, Univ. of Queensland, Brisbane, Dec 5-8, 1995, pp. 7	
		Tirkel, A-Z, <u>Image Watermarking - A Spread Spectrum Application</u> , ISSSTA '96, Sept. 96, Mainz, German, pp. 6	
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		Press, et al., <u>Numerical Recipes In C</u> , Cambridge Univ. Press, 1988, pp. 398-417.	

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		Filing Date	June 25, 2003
		First Named Inventor	Scott A. MOSKOWITZ
		Art Unit	2132
		Examiner Name	Laurel L. LASHLEY
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Sheet

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Scott A. MOSKOWITZ

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